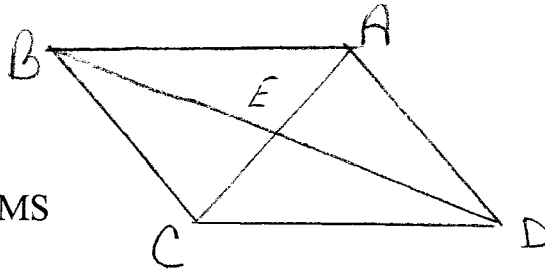


## PARALLELOGRAMS



DIRECTIONS: The figure at the right is a parallelogram. Use the figure and the information given to solve each problem. Write the rule that you used to solve the problem.

1. If  $m\angle BCD = 125$ , what is  $m\angle BAD$ ?
2. If  $m\angle BAC = 45$ , what is  $m\angle ACD$ ?
3. If  $m\angle ABC = 50$ , what is  $m\angle BCD$ ?
4. If  $m\angle DAB = 2x - 10$  and  $m\angle ADC = 3x$ , what is  $m\angle DAB$ ?
5. If  $AB = 5x - 3$  and  $CD = 2x + 9$ , what is  $AB$ ?